

1. (CURRENTLY AMENDED) A calibrator for calibrating a fuel pump, comprising:

- at least one ~~graduated~~ graduated tank, mounted on a ~~level-able~~ levelable vehicle, the at least one ~~graduated~~ graduated tank having ~~sloped bottom and~~ a neck for receiving a ~~filling station fuel station~~ fuel pump nozzle and a ~~sloped bottom~~;
- a fume recycling circuit coupled to the neck to recycle fumes during filling and also coupled to a ventilation pipe ~~including a removable exhaust pipe~~;
- a level indicator to measure liquid level in the at least one graduated tank;
- at least one tank valve coupled to the bottom of the at least one graduated tank;
- a transparent drip reference unit coupled to the at least one tank valve, for allowing a user to view flow of fuel ~~though through~~ the transparent drip reference unit; and
- a discharge valve coupled to the transparent drip reference unit and coupled to a common pipe ending with a ~~terminal valve exit valve~~, the ~~terminal valve exit valve~~ for coupling to a discharge hose for discharging measured fuel back into a fuel station storage tank.

2. (CURRENTLY AMENDED) A method of calibrating a fuel pump, using a calibrator comprising at least one graduated tank, mounted on a ~~level-able~~ levelable vehicle, at least one ~~graduated~~ graduated tank having a ~~sloped bottom and~~ a neck for receiving a ~~filling station fuel station~~ fuel pump nozzle and a ~~sloped bottom~~, a fume recycling circuit coupled to the neck to

recycle fumes during filling and also coupled to a ventilation pipe ~~including a removable exhaust pipe~~, a level indicator to measure liquid level in the at least one graduated tank, at least one tank valve coupled to the bottom of the at least one graduated tank, a transparent drip reference unit coupled to the at least one tank valve, for allowing a user to view flow of fuel ~~though through the~~ transparent drip reference unit, and a discharge valve coupled to the transparent drip reference unit and coupled to a common pipe ending with a ~~terminal valve exit valve~~, the ~~terminal valve exit valve~~ for coupling to a discharge hose for discharging measured fuel back into a fuel station storage tank, the method comprising the steps of:

- a. parking the calibrator near the fuel pump,
- b. leveling the calibrator using a leveler mounted to the calibrator ~~to lift vehicle wheels off the ground~~,
- c. grounding the calibrator to the fuel pump,
- d. ~~inserting coupling a~~ fuel return hose between the ~~terminal valve exit valve~~ and a fuel station ~~underground tank storage tank~~,
- e. filling the at least one ~~graduated~~ graduated tank ~~, one at a time,~~ by inserting a ~~the~~ fuel pump nozzle in the neck of the at least one graduated tank, wherein the neck seals fuel fumes when it ~~the neck~~ makes contact with the fuel pump nozzle,
- f. taking a reading of the fuel level in the at least one ~~calibrated~~ graduated tank after dispensing a measured amount of fuel, ~~as measured by the fuel pump,~~ into the at least one ~~calibrated~~ graduated tank,

- g. noting the reading by turning a pre-marked recall set-up,
- h. opening the at least one tank valve, the discharge valve and the ~~terminal valve exit~~
~~valve~~ to empty out the at least one graduated tank,
- i. adjusting calibration of the fuel pump if required,
- j. closing the discharge valve when the at least one graduated tank is empty,
- k. insuring that the at least one graduated tank is truly empty before closing ~~valve~~ the at
least one tank valve, by observing the final drops of liquid dripping down through the
transparent drip reference unit, and
- l. repeating the calibration test as required.

3. (CURRENTLY AMENDED) A calibration apparatus for calibrating a gas station fuel dispensing pump, the calibration apparatus comprising:

at least one graduated tank having a sealing neck for receiving a ~~filling station fuel station~~
fuel pump nozzle and a sloped bottom;

a graduation portion on the neck of the at least one graduated tank, for indicating when a
standard quantity of fuel has been inserted into the at least one graduated tank;

a fume recycling circuit coupled to the neck of the at least one tank to recycle fumes
during filling;

at least one tank valve coupled to the bottom of the at least one graduated tank;

a transparent drip reference unit coupled to the at least one tank valve, for allowing a user to view flow of fuel ~~though~~ through the transparent drip reference unit; and

a discharge valve coupled to the transparent drip reference unit and coupled to a common pipe ending with a ~~terminal valve~~ exit valve, the ~~terminal valve~~ exit valve for coupling to a discharge hose for discharging measured fuel back into a fuel station storage tank.

4. (CURRENTLY AMENDED) The calibration apparatus of claim 3, wherein the at least one ~~graduated~~ tank is, mounted on a wheeled vehicle so as to be readily moved into position near the fuel dispensing pump, the wheeled vehicle ~~having~~ comprising:

a ~~locking apparatus~~ lever for raising wheels of the wheeled vehicle off the ground; and

a two-axis leveling apparatus to level the calibration apparatus prior to use.

5. (CURRENTLY AMENDED) The calibration apparatus of claim 3, wherein the fume recycling unit further includes a ~~ventilation pipe including~~ a removable exhaust ~~pipe~~ valve to exhaust fumes after testing is completed.

6. (NEW) The calibrator of claim 1, wherein the fume recycling circuit further includes a removable exhaust valve to exhaust fumes after testing is completed.

7. (NEW) The method of calibrating of claim 2, wherein the fume recycling circuit further includes a removable exhaust valve to exhaust fumes after testing is completed.

8. (NEW) The method of calibrating of claim 2, wherein the levelable vehicle includes a plurality of wheels for moving the levelable vehicle, and said step of parking the calibrator near the fuel pump further comprises the step of retracting the plurality wheels.